

EXHIBIT A

**IDEA DISCLOSURE SHORT FORM****TITLE OF INVENTION:****Anti-Virus/Content Processor. "AVPU (anti virus processor unit)"****NAME(S) OF INVENTOR(S):**

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**CONCEPT OF INVENTION** (Attach additional pages, drawings, code listings, white papers, manuals, etc. if needed)**The Problem/Obstacle:**

Virus scanning inherently uses up a large proportion of system resources, especially in servers.

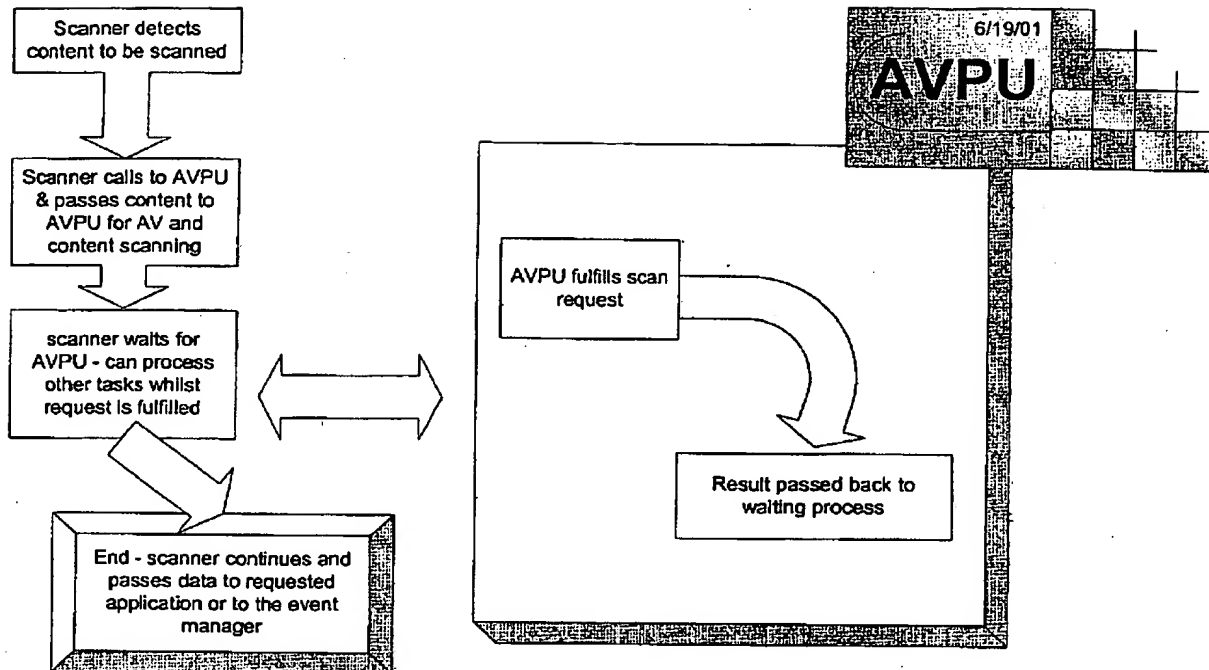
**Your Solution:**

Adding a daughter board to a machine and a driver to allow an additional processor to take on the resource requirements of virus and content scanning from the main processor(s). As this is then independent of the OS, the co-processor could be of custom manufacture, optimized to scan at maximum speed, with it's own reserved memory for definition files and rule sets etc.

A computer would read data from a resource (such as a disk) and the standard virus scanner determines a scanning requirement (it's of an infectable type of data/program), this data is held in the current scanner and an instruction to scan is sent to the additional AV processor. The additional processor scans the data, and passes a result back to the standard scanner.

*In other words – The scanner driver would hand off the resource intensive scanning process to an additional optimized scanning processor, thus not laboring the computers processor with the actual scan task.*

Naturally having more than one processor in a computer could also enhance this products performance – the only speed limitation of this type of application is the bus speed of the computer, and custom busses (such as the very popular DMA bus used by almost every graphics card in modern pc's) can overcome this problem easily.



**LIST ANY SIMILAR INVENTIONS (PRIOR ART) OF WHICH YOU ARE AWARE:**

(Include patents, publications, the identity of other products, etc.; if in doubt, please list it)

None that I am aware of, however **\*if\*** there are solid-state firewalls on the market at the time of issue they may have something similar for content perhaps (most firewalls don't actually content scan)

**IS THIS INVENTION RELATED TO WORK PERFORMED UNDER U.S. GOVERNMENT CONTRACT? (Yes or No)**

No.

**Submitted this day of (Today's Date):**

**Monday, June 04, 2001**

**By (Your name and telephone number):**

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**PLEASE E-MAIL THIS FORM TO YOUR PATENT LAWYER. YOU WILL BE CONTACTED SHORTLY.**